

# Quest<sup>®</sup> 2

*pocket-sized navigator*



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## INTRODUCTION

Thank you for purchasing Toyota's portable navigation Quest™ 2 by Garmin. To get the most out of your new navigation system, go through this owner's manual and learn the operating procedures for your unit.

**Introduction:** contains the Table of Contents and Safety Information.

**Getting Started:** provides information to help get you started. If you have never navigated with a GPS unit, try the "Tutorial" on [page 2](#).

**Basic Operation:** teaches you how to use your Quest 2 to find items, create routes, and initiate a TracBack®.

**Using the Main Pages:** describes the Map page and other main pages of your Quest 2.

**Customizing Your Quest 2:** explains how to change settings to meet your specific needs.

**Understanding GPS:** describes the basics of GPS navigation and the features on the GPS Information page.

**Appendix:** contains tips and shortcuts, information about care and Safe Mode, specifications, and regulatory information.

**Index:** provides key words to help you find information.

### Manual Conventions

This manual uses the term "select" when you need to choose an icon, button, or tab. To select something, use the **Rockers** to move the cursor (or highlighted area) to the position. To activate the selection, press the **OK** key.



This manual uses the term **WARNING** to indicate a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



This manual uses the term **CAUTION** to indicate a potentially hazardous situation, which, if not avoided, may result in minor injury or property damage. The term may also be used without the symbol to alert you to avoid unsafe practices.

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 **Warning**

**Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.**

Always operate the vehicle in a safe manner. Do not become distracted by the Quest 2 while driving, and always be fully aware of all driving conditions. Minimize the amount of time spent viewing the screen of the Quest 2 while driving and use voice prompts when possible. Do not enter destinations, change settings, or access any functions requiring prolonged use of the unit's controls while driving. Pull over in a safe and legal manner before attempting such operations.

When navigating, carefully compare information displayed on the Quest 2 to all available navigation sources, including information from street signs, visual sightings, and maps. For safety, always resolve any discrepancies or questions before continuing navigation.

The Quest 2 contains a non-user-replaceable, rechargeable lithium-ion battery. The battery may present a risk of fire or chemical burn if mistreated.

- Do not remove from the unit, heat unit above 140°F (60°C), or incinerate.
- Dispose of unit properly. Contact your local waste disposal department for information on properly disposing of lithium-ion batteries.

**WARNING:** This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California's Proposition 65. If you have any questions or would like additional information, please refer to our Web site at [www.garmin.com/prop65](http://www.garmin.com/prop65).



## Caution

**Failure to avoid the following potentially hazardous situations may result in injury or property damage.**

The Quest 2 is designed to provide you with route suggestions. It does not reflect road closures or road conditions, traffic congestion, weather conditions, or other factors that may affect safety or timing while driving.

Use the Quest 2 only as a navigational aid. Do not attempt to use the Quest 2 for any purpose requiring precise measurement of direction, distance, location, or topography. This product should not be used to determine ground proximity for aircraft navigation.

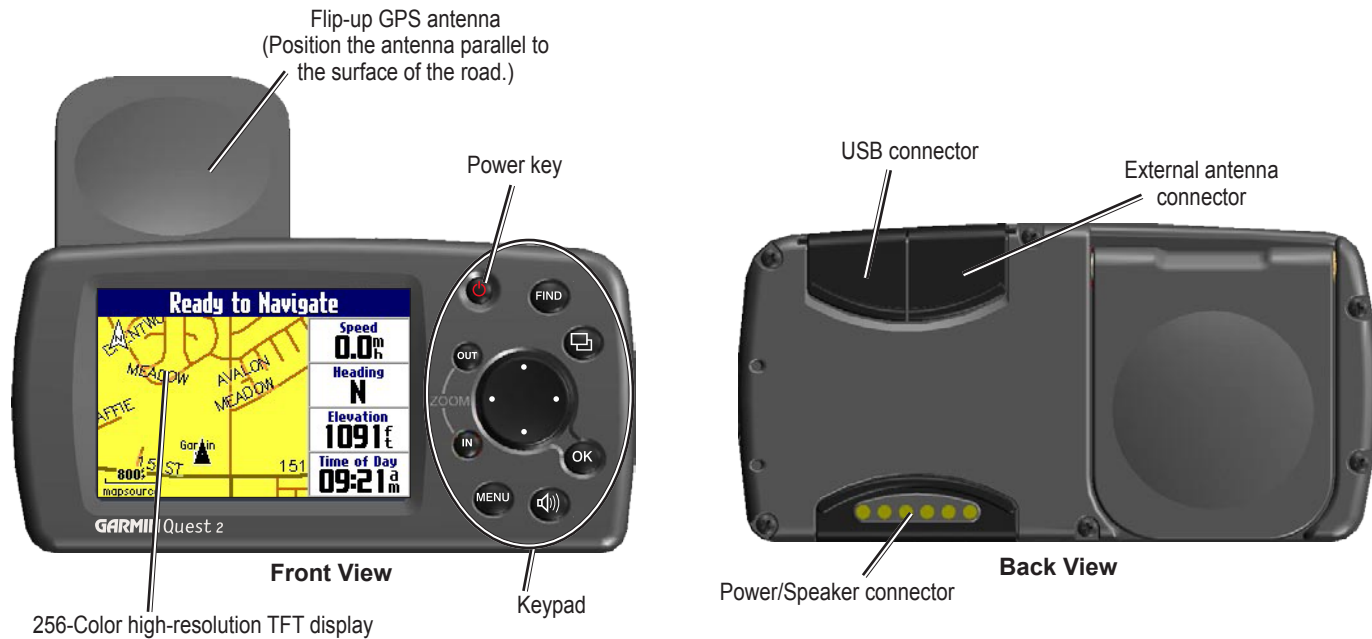
The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The government's system is subject to changes which could affect the accuracy and performance of all GPS equipment, including the Quest 2. Although the Quest 2 is a precision navigation device, any navigation device can be misused or misinterpreted and, therefore, become unsafe.

**Map Data Information:** One of the goals of Garmin is to provide customers with the most complete and accurate cartography that is available to us at a reasonable cost. We use a combination of governmental and private data sources, which we identify in product literature and copyright messages displayed to the consumer. Virtually all data sources contain inaccurate or incomplete data to some extent. In some countries, complete and accurate map information is either not available or is prohibitively expensive.

**NOTICE TO DRIVERS IN CALIFORNIA AND MINNESOTA:** State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Other Garmin dashboard or friction mounting options should be used. Garmin does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71.)

## GETTING STARTED

### Introducing the Quest 2



## Tutorial

This tutorial guides you through the steps for finding a restaurant in your area and then creating a route to it. If you have never used a GPS unit, try this simple task. You will see that using your Quest 2 is fast and easy.

Be sure the antenna is unobstructed as it looks for satellites. For example, it cannot establish a satellite fix if your vehicle is parked in a garage. **Position the antenna so that it is parallel to the surface of the road** so that it can have the best view of the sky.

**Step 1:** If you have not already done so, flip up the antenna and snap the Quest 2 into the vehicle mount. See [page 4](#) for additional instructions. Turn on the Quest 2, if necessary, and acknowledge the warning message. When the unit has established a satellite fix, it shows a “Ready to Navigate” message.



**Step 2:** Press the **FIND** key. The Find Menu appears. Highlight the **Food & Drink** icon located in the Find Menu and press the **OK** key.



**Step 3:** A list of restaurants in your area appears on a page similar to the one shown below. Use the **Rocker** to highlight a restaurant in the list. Then press the **OK** key.





**Step 4:** Information about the restaurant appears on a page similar to the one shown below. To create a route to this restaurant, highlight the **Route To** button located at the bottom of the page. Then press **OK**.



Select **Route To** to create a route to this restaurant.

The Quest 2 calculates the route and provides directions. Follow the purple line on the Map page to your destination.



## Vehicle Installation

You can install and store the Quest 2 in the vehicle mount. The Quest 2 runs off power from your vehicle when the ignition is turned on. Be sure the vehicle ignition is turned off before you install or remove the unit from the mount.

### To install the Quest 2 in the mount:

1. Flip up the GPS antenna to a 90° angle on the back of the Quest 2.
2. Insert the bottom of the Quest 2 into the bottom of the mount, as shown. The antenna fits through the opening in the back of the mount.



3. Snap the Quest 2 back into the mount so that it is fully seated.



To remove the Quest 2, push the tab up and pull the Quest 2 forward.




**NOTE:** Make sure the tabs are located and locked correctly.

### To remove and store the Quest 2:

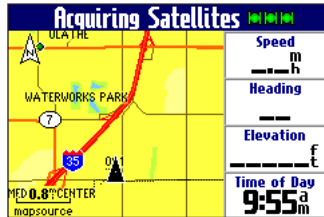
1. Push the tab up that holds the Quest 2 in place (see above).
2. Pull the Quest 2 forward and then out of the mount.

## Turning the Quest 2 On and Off

Press and hold the **Power**  key on the front of the unit to turn it on or off. When turned on, the Welcome page appears briefly, followed by a Safe Driving Warning Message. Press the **OK** key to acknowledge the message. Your Quest 2 automatically starts searching for satellite signals to find your current location. The first time the Quest 2 acquires satellites it may take several minutes. Afterward, acquisition times are quicker during normal use.



**NOTE:** If the unit prompts you to enter a security code, contact your Toyota dealer.




If your unit is in the vehicle mount, it turns on automatically when you start your vehicle. When you turn off your vehicle, the External Power Lost message appears. Press any key to switch the unit to battery power. Otherwise, the Quest 2 turns off after 30 seconds.

## Turning Off Satellite Reception for Indoor Use


You can set your Quest 2 to indoor use, which stops satellite reception and conserves battery power. Thoroughly familiarize yourself with the routing features of the Quest 2 by simulating routes.



### To turn off satellite reception:

1. Press the **Page**  key to open the Map page.
2. Press the **MENU** key.
3. Highlight **Use Indoors** and press **OK**. GPS is disabled.

### To turn on satellite reception:

1. Press the **Page**  key to open the Map page.
2. Press the **MENU** key.
3. Highlight **Acquire Satellites** and press **OK**. GPS is enabled, and your Quest 2 begins to acquire satellite signals.

## Using the Keys

Use the keys to perform specific tasks such as finding places or planning routes. With the exception of the **Power** key, press and quickly release a key to perform its function. If a key has a secondary function, press and hold the key to activate it.

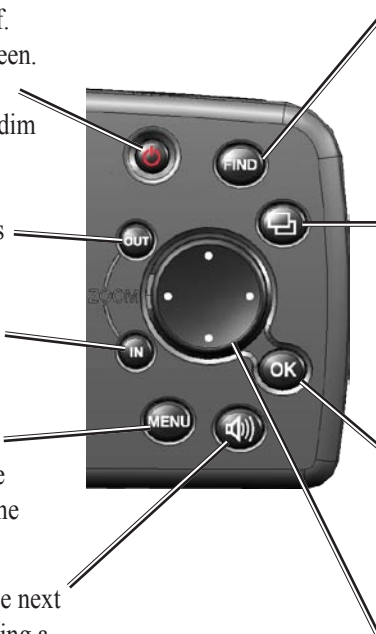
**Power**—press and hold to turn the unit on or off. Press once to adjust the illumination of your screen. When the illumination window appears, use the **Rocker** to move the slider to the left or right to dim or brighten your backlight. Press **OK**.

**OUT**—zooms out on the Map page. Also scrolls down a list.



**IN**—zooms in on the Map page. Also scrolls up a list.

**MENU**—press to show a menu of options for the current page. Press **MENU** twice to open the Settings menu. Press and hold **MENU** to open the Route Options menu.

**Speak**—triggers your unit’s “voice” to repeat the next turn or current destination when you are navigating a route. Press and hold to adjust the volume. The unit must be in the vehicle mount to hear audio commands.



**FIND**—press to search for cities, addresses, and other points of interest. Press **FIND** twice to open the Recent Finds menu. Press and hold **FIND** to “Route Home” (see [page 18](#)).

**Page**—press to open pages. Press **Page**  to close the current window or menu and return to the previous page. When you are entering data, press **Page**  to cancel the data entry and restore the previous value.

**OK**—press to select items. Press **OK** to view information pages when panning the Map page. To save your current location in My Locations, press and hold **OK**.

**Rocker**—press to highlight options or move the map pointer in any direction.


## Selecting Options and Entering Data

Use the **OK** key and the **Rocker** to select options and activate your selections.

### To select and activate an option or on-screen button:

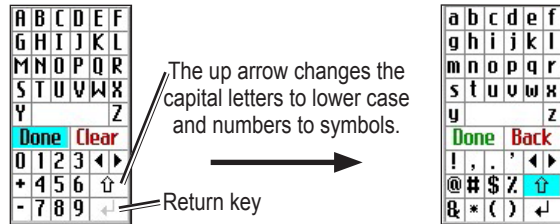
1. Use the **Rocker** to move up, down, right, or left to the selection or on-screen button.
2. Press **OK** to activate the feature.

### To exit a menu or return to the previous setting:

Press **Page** . The **Page** key moves backward through your steps or menus.

## Using the On-screen Keyboard

The on-screen keyboard opens when you need to enter data, such as an address or a city. The on-screen keyboard is used in a variety of places throughout the Quest 2. Its appearance may alter, depending on your purpose for using it, but it always functions the same way.



Use the **Rocker** to select a letter, number, or symbol, and then press **OK**. To create spaces, select the blank space between the Y and Z. Use the **Clear (Back)** box to delete letters/numbers. The ◀ and ▶ keys are backspace and forwardspace keys. The **up arrow** ↑ changes the capital letters to lower case and the numbers to symbols. Use the **Return** ↵ key to create a new line. When you have entered all text, select **Done**.

## BASIC OPERATION

### Finding Places and Routing to Them

Use the Find Menu to locate and create routes to cities, addresses, parks, restaurants, or hotels.

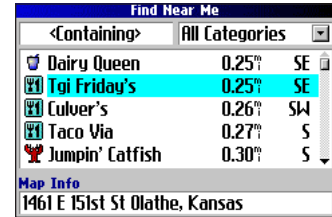


Find Menu

Press the **Rocker** down to see more Find categories.

#### To find a place and route to it:

1. Press the **FIND** key. The Find Menu appears.
2. Highlight a category to help you find your destination, such as Food & Drink, Lodging, or All Points of Interest. Press **OK**. A list of places near your current location appears.
3. Highlight the place and press **OK**. An information page appears.
4. Highlight **Route To** and press **OK**. The Quest 2 calculates your route.



Find Menu Results List



Information Page

## Advanced Search Methods and Tips

The search results list can be quite long. Use the following tips to narrow your search.

### Entering Containing Letters

If you know the name of the place you are searching for, select the **<Containing>** box. Use the on-screen keyboard to enter letters contained in the name. The more fully you type the name, the more accurate your search results. For example, typing “SU” in order to find Sun’s Deli returns names such as Subway and Tropic Sun.



Using the Containing Field

### Searching Sub-Categories

If you would like to search for a type of food (such as Chinese, Deli, International, Fast Food), highlight the **All Categories** box and press **OK**. Highlight a food category (sub-category) and press **OK**. A new list appears filtered with the selected category.



Using Sub-Categories

### Panning and Finding

You can find places that are beyond your current location by panning to a particular area on the map. Open the Map page and pan the map to the location. Press the **FIND** key, and the unit searches for places near the map pointer. See [page 28](#) for information about panning the map.

### Finding Places Near this Place

After you have found a place, open the item’s information page. To find another place (such as a hotel or restaurant) near this place, highlight **Find Near** and press **OK**.

### Saving this Place to My Locations

After you have found a place, open the item’s information page. Highlight **Save** and press **OK** to save this place to My Locations.

### Using the Information Page Menu

After you have found a place, open the item’s information page and press the **MENU** key to reveal more options.

To see where this item is located on the map, select **Show Map**. For step-by-step directions from the place to your current location, select **Directions to Me**. Select **Find Near Current Route** to list all places along your current route.

## Finding an Address or Intersection

To search for an address or intersection, select **Addresses** or **Intersections** from the Find Menu. In both cases, a search wizard appears that allows you to enter street information.

### To find an address or intersection:

1. Press **FIND**, highlight **Addresses** or **Intersections**, and press **OK**.
2. Highlight a state and press **OK**.



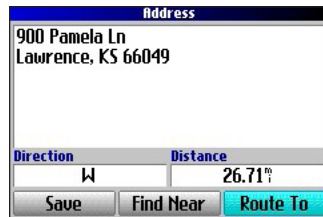
3. Highlight **Search All Cities** and press **OK**.



4. Enter the address number and street using the on-screen keyboard. For intersections, you only need to enter street names.



5. A list of addresses or intersections appears. Highlight the place you are looking for and press **OK**.
6. To create a route to this address, highlight **Route To** and press **OK**.



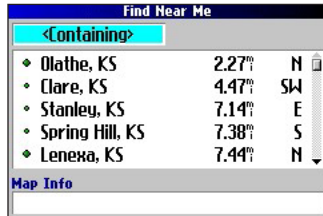


## Finding a City

To search for a city, select **Cities** from the Find Menu. A list of 50 cities near your current location appears.

### To find a city:

1. Press **FIND**, highlight **Cities**, and press **OK**. A list of cities appears. Use the **Rocker** to move down the list.



2. Highlight the **<Containing>** box and press **OK** to narrow your results or find a city not on the list. Enter the name of the city you are searching for using the on-screen keyboard.
3. Highlight a city and press **OK**. An information page appears.
4. To go to the city, highlight **Route To** and press **OK**.

## Finding an Exit

Select **Exits** from the Find Menu to locate exits on highways, freeways, and interstates.

### To find an exit:

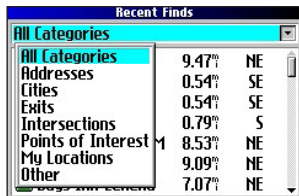
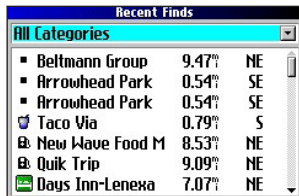
1. Press the **FIND** key, highlight **Exits**, and press **OK**. All exits on the highway or interstate that is closest to your current location are listed.
2. To search for a particular road exit, press **MENU**, highlight **Select Exit Road**, and press **OK**. Enter the name of the road using the on-screen keyboard.
3. If you know you want to stop at an exit that has a particular type of service, such as a gas station or rest area, select the **All Categories** box and press **OK**. Then select a category from the list.
4. Use the **Rocker** to highlight an exit from the search results list and press **OK**. An information page for that exit appears. Services at this exit appear on the exit's information page. Highlight the service you want to visit and press **OK** to view information about it.
5. To go to the exit, highlight **Route To** and press **OK**.

## Finding Recently-Found Places

Your Quest 2 stores the 50 places you have found most recently. The most recently-reviewed item is at the top of the list.


### To find a recently-found place:

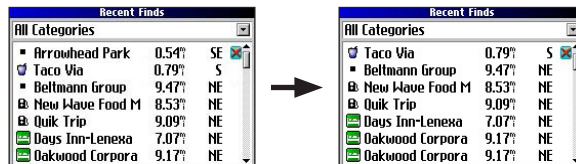
1. Press **FIND**, highlight **Recent Finds**, and press **OK**. A list of recently-found items appears.
2. To narrow your search, highlight **All Categories** and press **OK**.
3. Highlight a category from the list and press **OK**. The 15 most recent finds from the category appear.
4. Highlight a place and press **OK**.
5. To create a route to this place, highlight **Route To** and press **OK**.



The Quest 2 only stores places that you actually view. For example, suppose you search for a restaurant by name and five names appear. If you view information on two of them, then these two restaurants are stored in your Recent Finds list.

## Deleting Recently-Found Places

If you want to delete a place from the Recent Finds list, highlight the place's name and highlight the red . Press **OK**, and the name is removed from the list.



To remove all names in the Recent Finds list, press **MENU** while on the Recent Finds page. Highlight **Remove All** and press **OK**.

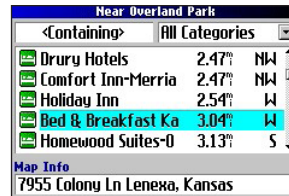


**NOTE:** Deleting an item from the Recent Finds list only removes the item from this list. It does not delete the actual city from the Map page, your find database, or My Locations.

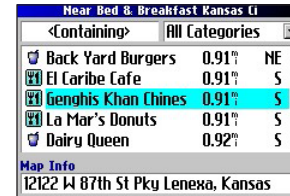
## Planning a Trip

If you are planning a trip and would like to find vacation spots ahead of time, consider using the “chain find” method described below. You can also follow these instructions for finding places while you are already on a trip.

1. Find the city you plan to visit. See [page 11](#) for more instructions. In our example, Overland Park, KS is chosen.
2. Highlight **Find Near** and press **OK**.
3. Select **Lodging** to look for a place to stay in Overland Park.
4. Your Quest 2 returns the names of places to stay. Highlight a place to stay and press **OK**. In our example, Bed and Breakfast Kansas City is the lodging place.
5. From the Bed and Breakfast information page, highlight **Find Near** and press **OK**. Then highlight **Food & Drink** and press **OK**.



6. A list of all eating establishments near Bed and Breakfast Kansas City appears. Highlight a restaurant and press **OK**.
7. To save the restaurant to your My Locations list, highlight **Save** from the information page.



Restaurants near your lodging choice in Overland Park

You can also find entertainment, services, and a variety of other places near your chosen lodging area in the city of your choice. When you are ready to take your trip, simply find these places in your Recent Finds or My Locations list. For more information on trip planning, see “Planning and Modifying Routes” on [page 21](#).

## My Locations

You can save your favorite places to the My Locations category of the Find Menu. This allows you to easily find your favorite places later. For example, if you have found a great campsite, you can save the place to My Locations. Then when you want to return to the campsite, you can quickly find and route to it.

### Saving Your Favorite Places in “My Locations”

You can save up to 500 locations using four basic methods.

- Save an item you have found using the Find Menu.
- Save your present location from the Where Am I? page.
- Save a new location from the map using the **Rocker**.
- Enter a new location’s position coordinates manually.

### Saving an Item from the Find Menu

As discussed in the previous sections, you can save items you have found using the Find Menu.

#### To save a place from the Find Menu:

1. Press **FIND**. Highlight the search category and press **OK**.
2. Highlight the place you want to save and press **OK**.
3. From the information page, highlight **Save** and press **OK**.

## Where Am I?

Use the Where Am I? feature to find out where you are and save your location. This is particularly useful if you are traveling off road or any place where street signs or navigational markers are not available.

You must have a valid position (2D or 3D) fix to mark your present location. You can determine the satellite fix by looking at the GPS page. For more information, see “[Understanding GPS](#)” on [page 41](#).

#### To find out where you are and save your location:


1. Press the **FIND** key, highlight **Where Am I?**, and press **OK**. Or, press and hold the **OK** key.
2. A Where Am I? page appears, listing your current location and the nearest major intersections, if available. Highlight **Save** and press **OK** to save your location to My Locations.



## Saving a Map Location

As you pan the map, you can save a location you see to My Locations. See [page 28](#) for information about panning the map.

### To save a place on the map to My Locations:

1. Press **Page**  to open the Map page.
2. Press the **Rocker** to select the place you want to save. Press **OK**.
3. An Information page opens. Highlight **Save** and press **OK**.
4. The Saved as My Location page opens. This page allows you to rename the saved location, select a new symbol, and file the saved location in a category. Highlight the on-screen **OK** button and press the **OK** key when you are finished.

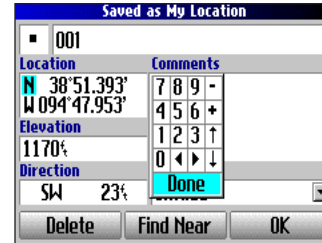


## Entering a Location's Coordinates

You can manually enter location coordinates to create a location. This method can be useful for creating a location at a specific latitude/longitude position from a chart.

### To enter a location's coordinates:

1. Press and hold the **OK** key. Highlight **Save** and press **OK**.
2. On the Saved as My Location page, use the **Rocker** to highlight the **Location** field and press **OK**.




3. Use the on-screen keyboard to enter the position coordinates and press **OK** when finished.
4. To change other information, highlight the appropriate field and press **OK**. After entering your changes, highlight the on-screen **OK** button and press the **OK** key.

## Editing a Saved Location

You can edit many aspects of a saved location: the name, symbol, location coordinates, comment, elevation, and category.

### To edit the saved location:

1. Press the **FIND** key. Highlight **My Locations** and press **OK**.
2. Highlight the saved location you want to edit and press **OK**.
3. Highlight the item you want to change and press **OK**.
4. Use the on-screen keyboard to enter new information.
5. When you are done editing the saved location, press the **Page**  key to exit.



## Organizing Saved Locations into Categories

You can organize your saved locations into categories to help you manage and use your saved locations. For example, you can create a “Vacation” category that stores all of the saved locations for your upcoming vacation. When the vacation is over, you can simply delete all the saved “Vacation” locations by pushing a few buttons.


### To create a saved location category:

1. Press the **FIND** key. Highlight **My Locations** and press **OK**.
2. Highlight the saved location you want to edit and press **OK**.
3. Highlight the **Categories** field and press **OK**.
4. Highlight **Edit...** and press **OK**.
5. Highlight **Add New...** and press **OK**.
6. Use the on-screen keyboard to enter the name of the new category. Highlight **Done** and press **OK** when finished.

### To assign a category to a saved location:

1. Press the **FIND** key. Highlight **My Locations** and press **OK**.
2. Highlight the saved location you want to edit and press **OK**.
3. Highlight the **Categories** field and press **OK**.
4. From the list, highlight the category you want to assign the saved location to and press **OK**.


### To delete a category:

1. Press the **FIND** key. Highlight **My Locations** and press **OK**.
2. Highlight the location you want to edit and press **OK**.
3. Highlight the **Categories** field and press **OK**.
4. Highlight **Edit...** and press **OK**.
5. Highlight the category you want to delete. Highlight the red  to the right of the category and press **OK** to delete it.

## Deleting Saved Locations

You can delete saved locations when they are no longer needed.

### To delete a saved location:

1. Press the **FIND** key. Highlight **My Locations** and press **OK**.
2. Highlight the saved location you want to delete.
3. Highlight the red  to the right of the location and press **OK** to delete it.



### To delete saved locations by symbol or category:

1. Press the **FIND** key, highlight **My Locations**, and press **OK**.
2. Press **MENU**, highlight **Delete...**, and press **OK**.
3. Highlight **By Symbol...** or **By Category...** and press **OK**.
4. When deleting by symbol, highlight the symbol of the saved location you want to delete and press **OK**. When deleting by category, highlight the category you want to delete and press **OK**.
5. Highlight **Yes** and press the **OK** key to confirm. Highlight **No** and press **OK** to exit without deleting.

## Finding My Locations

When you save an item, it is saved in the My Locations category of the Find Menu. To find a location you have saved, open the My Locations category of the Find Menu.

### To find a saved location:

1. Press the **FIND** key, highlight **My Locations**, and press **OK**.
2. To narrow your search, highlight **All Categories** and press **OK**. Highlight the category the saved location is assigned to and press **OK**.



3. To further narrow your search, highlight **All Symbols** and press **OK**. Highlight the symbol assigned to the saved location and press **OK**.
4. Use the **Rocker** to select the saved location and press **OK** to open the information page.
5. Highlight **Route To** and press **OK** to go to this location.

## Setting Your Home Location

Your Quest 2 allows you to set a “Home” location that can be your home, office, or any other place to which you return most often. After you set your Home location, you can opt to go Home. For example, if you are traveling in a new city or down an unknown street and you want to easily find your way home, simply press and hold the **FIND** key. Your Quest 2 automatically redirects you to your Home location.



### To set a Home location:

1. Press **MENU**, highlight **Route Options**, and press **OK**. A Route Options menu appears.
2. Highlight **Set Home Location** and press **OK**.
3. Highlight one of the three options and press **OK**.
4. Find your Home location using the selected option. Your Home location is set.


### To route Home:

Press and hold the **FIND** key. The Quest 2 automatically creates a route to your Home location.

## Changing Your Home Location

If you travel frequently, you may want to change your Home location to a new location, such as a hotel or your meeting place, so you can find your way “home” in unfamiliar surroundings.

### To change your Home location:

1. Press **FIND**, highlight **My Locations**, and press **OK**.
2. Highlight your **Home** location and then highlight the red . Press **OK**. Highlight **Yes** and press **OK** to confirm.
3. Follow the previous instructions to reset your Home location.



## Using TracBack

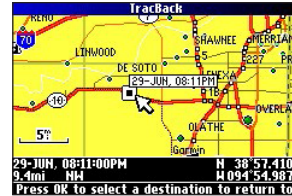
The Quest 2 records an electronic breadcrumb trail or “track log” as you travel. As a result, you can retrace your recent movements using the TracBack® feature. This feature is particularly useful when navigational markers are not readily available.

The track log starts recording as soon as the Quest 2 gets a location fix. For the best results, clear the track log before you start traveling. When the track log is full, new track points overwrite the oldest track points.

### To use TracBack:

1. Press the **FIND** key, highlight **Where Am I?**, and press **OK**.
2. Highlight **TracBack** and press **OK**.
3. If you want to travel to the beginning of your track, highlight **Yes** and press **OK**.

To select a spot along your track to travel to, highlight **No** and press **OK**. Use the **Rocker** to select the point to which you want to travel and press **OK**.



4. A TracBack Preference window appears. Highlight the preferred method and press **OK**.




If you have selected to follow roads (Faster Time or Shorter Distance), the Quest 2 creates a turn-by-turn route to the selected end point. Follow the route just as you would follow any route.

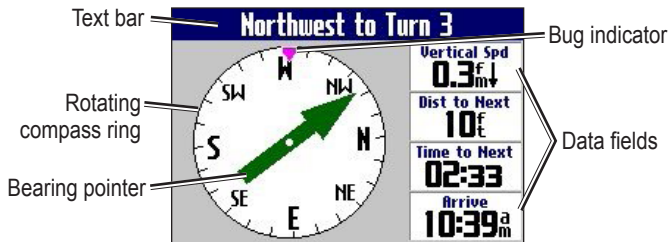
If you selected to follow the track, you can use the Map page and the Compass page to guide you along the path. See the next page for more information about the Compass page.

## Following Your Track with the Compass Page

If you have selected to follow your track (Follow Track), the Quest 2 traces your path to the destination. You can use the Map page and Compass page to navigate to your destination.



Press the **Page**  key to view the Compass page. The middle of the page features a rotating “compass ring” that shows your course while you are moving. Your present heading is indicated at the top of the compass ring. The direction of the next turn is indicated by an arrow in the middle of the compass ring and a bearing “bug” on the outside of the compass ring. Directions to your next point or turn appear in the top text bar.



If the arrow points up, you are going in the correct direction. If the arrow points any direction other than up, turn toward the arrow until it points up, then continue in that direction.



**NOTE:** You must be moving for the compass to update and display your heading accurately.

You can change the data fields on the Compass page just as you can on the Map page ([page 29](#)). For a complete list and description of data field options, see [page 45](#).

Instead of the bearing pointer, you can use a course pointer. Press **MENU**, highlight **Course Pointer**, and press **OK**. The course pointer now appears in the center of the compass to show you how to get back on course.



**NOTE:** The Compass page is only available when you are following a TracBack using the Follow Track method. See [page 19](#) for more information.

## Planning and Modifying Routes

Use Route Planner to plan your routes before you even leave the house. The Route Planner allows you to select a start point and a destination, and it automatically saves the route. You can also modify the route to add extra stops (via points) or avoid certain roads.

### Planning a Route

Planning routes is fast and easy: simply pick a starting location and an ending location.

#### To plan a route:

1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**. From the Route List page, highlight **New** and press **OK**.
3. From the Route Planner page, highlight **<Select your starting location>** and press **OK**. Highlight one of the four options (described to the right) and press **OK**. Select your starting location.



4. From the Route Planner page, highlight **<Select your destination>** and press **OK**. Highlight one of the options and press **OK**. Select your ending location.

Highlight **Navigate** to start navigating this route. If you want to stop the route, select **Stop Navigation** from the Route Options menu. To resume the route, select **Resume Navigation**.

### Finding Route Points

Your Quest 2 provides four options for selecting your starting and ending locations:

**None**—choose this option to begin the route wherever you are located at the present time.

**Current Location**—choose this option to begin or end the route at the address at which you are currently located. For example, if your current location is at 915 Elm, the Quest 2 enters this address as the Current Location.

**Find Menu**—choose this option to search for a starting or ending location using the Find Menu.

**Use Map**—choose this option to find a point on the Map page. When the Map page appears, use the **Rocker** to move the map pointer to the location and press **OK**.

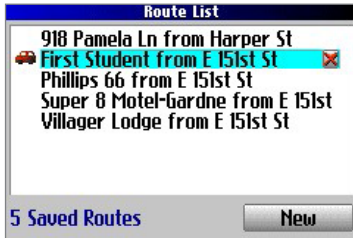
## Saving a Route

Your Quest 2 automatically saves a route created with the Route Planner. You can also save an active route during navigation or after you have reached the destination.

### To save an active route:

1. Press and hold the **MENU** key.
2. Highlight **Save Route** and press **OK**. Press **OK** again at the verification window.

Your Quest 2 can hold up to 50 saved routes. If you save routes prior to taking a trip, you only need to retrieve the appropriate route and activate it as you prepare to leave.



The vehicle icon indicates the route is active.

### To select a saved route:


1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**. A list of your saved routes appears.

3. Highlight the name of the route and press **OK**. An information page for your selected route appears.
4. To activate the route, highlight **Navigate** and press **OK**.
5. If you want to change the route by adding via points, use the **Rocker** to highlight the **Via Points** box and press **OK**. See “Adding Via Points” in this section for more information.

## Deleting a Saved Route

You can delete a single route or all of the saved routes in your Quest 2.

### To delete a route:

1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**. A list of your saved routes appears.
3. To delete one route, highlight the name of the route. Use the **Rocker** to highlight the red  to the right of the route name and press **OK**. Highlight **Yes** when the verification window appears and press **OK**.

To delete all saved routes, press the **MENU** key. Highlight **Delete All** and press **OK**. Highlight **Yes** when the verification window appears and press **OK**.

## Recalculating a Route

The Quest 2 will automatically recalculate your route if you stray from the current route. You can also prompt the Quest 2 to recalculate your route. For example, if you change your route preference (page 37), you can recalculate your route based on your new preference.

### To recalculate your route:

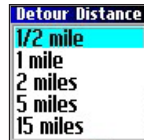
1. Press and hold the **MENU** key.
2. Highlight **Recalculate** and press **OK**.

## Adding a Detour

When you are navigating a route, you might need to take a detour to avoid a roadblock or construction. After you select a detour distance, your Quest 2 calculates a new route and provides you with new driving instructions. The detour is saved until you stop the current navigation or until you turn off the unit.

### To set a detour:

1. Press and hold the **MENU** key.
2. Highlight **Detour** and press **OK**.
3. Highlight a detour distance and press **OK**.



Your Quest 2 makes every possible attempt to get you back on the original route at your requested distance; however, the distance may be longer if no other roads can take you back to your original route. Sometimes, the route you are currently taking might be the only reasonable option. If so, you will not be able to take a detour.

## Adding Via Points


Via points are extra stops you make on the way to your final destination. You can add stops to the route you are currently navigating, to the route you are planning, or to a route that you have previously saved.

### To add via points to a saved route:


1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**.
3. Highlight the route to add extra stops to and press **OK**.
4. Highlight **<Select to add via point>** and press **OK**.
5. Highlight a method to find the location and press **OK**.
6. Highlight the location of the point. Continue until all points are added to the route.

## Arranging Via Points



When you have entered all of the points, your Quest 2 can arrange them in the most efficient order so that you can visit each point without a lot of extra traveling.

 Adds a via point (extra stop) and places it ahead of the existing point.

 Deletes the point.

 Moves the point up or down.

### To arrange the order of the via points:

1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**.
3. Highlight the route you want to arrange and press **OK**.
4. Select the point you would like to move in the route order. Highlight the up  or down  arrow and press **OK**. The point is moved up or down one spot.
5. Continue arranging the points as necessary.

### To optimize the route:


1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**.
3. Highlight the route you want to arrange and press **OK**.
4. Press **MENU**, highlight **Optimal Via Order**, and press **OK**.

The unit rearranges all of your extra stops based on your route preference (Faster Time, Shorter Distance, or Off Road). See [page 37](#) for more information on route preferences. If you change your route preference, recalculate the route based upon the new route preference ([page 23](#)).

### To reverse the order of the route:

1. Press and hold the **MENU** key.
2. Highlight **Route Planner** and press **OK**.
3. Highlight the route you want to reverse and press **OK**.
4. Press **MENU**, highlight **Reverse Route**, and press **OK**.

## Deleting Via Points

If you decide that you no longer want to visit one of your via points, select that point and use the **Rocker** to highlight the red  to the right of the via point. Press **OK**, and the point is immediately removed from the route.

## Avoiding Roads and Areas

You can avoid areas and certain road types on your route. For example, if an area of roads is usually highly congested, you can add that area to your Avoid List.

### To add an avoidance to your route:

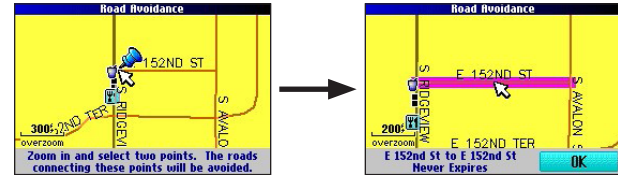
1. Press and hold **MENU** to open the Route Options menu.
2. Highlight **Avoidances** and press **OK**.
3. Highlight the maneuver or road type you want to avoid and press **OK**. The Quest 2 avoids all roads types that have a check mark in the **Avoid...** box.



Avoidances Page

### To avoid a road:

1. Press and hold **MENU** to open the Route Options menu.
2. Highlight **Avoidances** and press **OK**.
3. Highlight the **Add...** button and press **OK**.
4. Highlight **Road Avoidance** and press **OK** to select a street to avoid on your routes. A map appears, enabling you to mark a “start point” on a road.
5. Use the **Rocker** to move the map pointer to the beginning point of the road you want to avoid and press **OK**. A blue push pin marks the start point.
6. Use the **Rocker** to move the map pointer to the end of the road you want to avoid and press **OK**.

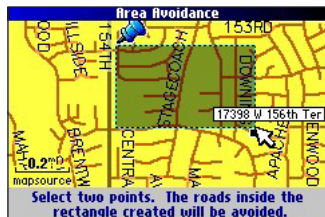


7. A map of the avoided road appears. Press **OK**.

The Avoidances page, shown to the left, lists the avoided road with a default name (the street names).

**To avoid an area:**




1. Press and hold **MENU** to open the Route Options menu.
2. Highlight **Avoidances** and press **OK**.
3. Highlight the **Add...** button and press **OK**.
4. Highlight **Area Avoidance** and press **OK**. A map appears, enabling you to mark a “start point.”
5. Use the **Rocker** to move the map pointer to the first corner of the area you want to avoid and press **OK**. A blue push pin marks the start point.
6. Use the **Rocker** to move the map pointer to the far corner of the area you want to avoid and press **OK**. You have drawn a dark rectangle around the area you want to avoid.
7. A map of the avoided area appears. Press **OK**.

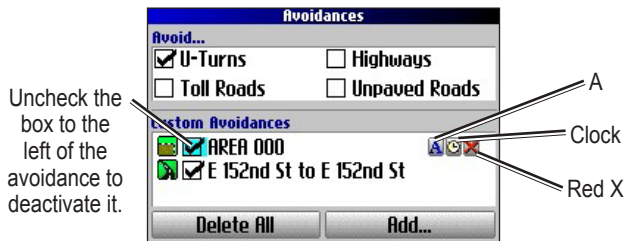


The Avoidances page, shown above, lists the avoided area with a default name (Area 000).

After you enter the avoid areas and roads, your Quest 2 avoids these roads/areas unless no other roads are available, until you remove them from the Custom Avoidances list, or until you uncheck them.

To uncheck an avoidance, select the check box to the left of the avoidance name and press **OK**. An unchecked box indicates that the road/area will not be avoided.

To change the name of an avoidance, select the **A**  and use the on-screen keyboard to create a new name. Select the **clock**  to choose the date that you want the avoidance to expire. Select the **red X**  to permanently delete the avoidance.



**Avoidances Page**



## USING THE MAIN PAGES

### Map Page

The Map page is one of the main pages of the Quest 2. Whether you are navigating a route or simply traveling with your Quest 2 turned on, the map shows your current location and surrounding street detail. Customizable information boxes called data fields provide information such as your current speed, your traveling direction, and names of upcoming streets.

A text bar at the top of the map indicates the status of the GPS receiver. When you turn on your Quest 2, the text bar indicates that the GPS receiver is attempting to locate satellites. After it establishes a “fix” on your location, the text bar reads “Ready to Navigate.”



### Zooming In and Out of the Map

The map has many zoom ranges, from 20 ft to 500 mi. Zoom in and out of the map by pressing the **IN** and **OUT** keys. The current zoom range is displayed at the bottom left corner.



Base map  
at 5-mile zoom



MapSource (detailed) map  
at 500-foot zoom

#### To zoom in and out:



- Press the **OUT** key to zoom out.
- Press the **IN** key to zoom in.

When the selected zoom exceeds the resolution of the data in use, “overzoom” appears below the zoom range. When MapSource® data is used, “mapsource” appears below the zoom range.

**200'**  
overzoom

**500'**  
mapsource

## Panning the Map

You can pan the map with the map pointer  to view areas of the map that are not visible on the screen. As you pan past the edge of the screen, the map moves to provide continuous map coverage. The position icon  indicates your present location and may not be visible on the screen when you pan the map.

### To pan the map:


Press up, down, right, or left on the **Rocker**.

The map pointer moves the map so you can view different parts of the map.

As you move the pointer, the distance and bearing from your present location to the pointer appear in the distance bar. The map pointer's location coordinates also appear in the bar. When you zoom while panning the map, the map pointer stays centered on the screen.



### To re-center your location on the screen:

When you are finished panning the map, press the **Page**  key. The map automatically moves to show your present location.

Use the pointer to select on-screen map features and review the item directly from the map.

### To view details about an on-screen point:

1. Use the **Rocker** to move the pointer to the location or map item. If several items are grouped closely together, zoom in closer for a better view.
2. Press **OK** to view more information about the point. The information and on-screen buttons vary depending on the type of item selected.



## Viewing the Map Orientation

You can orient the map in one of two ways. **North Up** shows the Map page with North always at the top, as if you were reading a paper map. **Track Up** allows the map to automatically rotate so your direction of travel always appears at the top of the Map page. If you are using Track up, a white N indicator, in the top left corner of the Map page, points to the North.

Your Quest 2 is set to show the Map page in Track Up orientation until you zoom out to the 200-mile zoom range or above. To change the map orientation settings, see [page 33](#).



Track Up




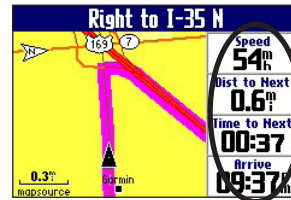
North Up

## Data Fields

The Map page displays data fields on the right-hand column of the page. Information in these fields changes depending on whether you are navigating a route or just traveling with the Quest 2 turned on. Data fields also appear on the Trip Information page ([page 32](#)) and the Compass page ([page 20](#)). For a complete list and description of data field options, see [page 45](#).

### To change the data fields on the Map page:

1. Open the Map page and press the **MENU** key.
2. Highlight **Edit Fields** and press **OK**.
3. Use the **Rocker** to highlight the data field you want to change and press **OK**.
4. Highlight the new data field type in the list and press **OK**.
5. When you are finished changing the data fields, press **Page**  to exit.

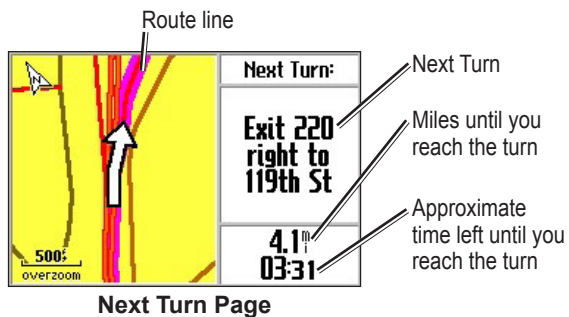


Data fields



## Next Turn Page

When you are navigating a route, the Next Turn page opens periodically to alert you that you need to turn soon. The Next Turn page displays a picture of the turn and provides text instructions. This page disappears after a few seconds. If you need to see it again, press the **Speak** key.



An added bonus to the Next Turn feature is that the Quest 2 “voice” announces upcoming turns. If you cannot safely view the Next Turn page, you can hear the verbal directions. Refer to [page 6](#) to learn how to adjust the volume.

The Next Turn page opens and announces the same instructions for an upcoming turn up to three times:


- Immediately after you make a turn, the Next Turn page announces the next turn and the distance to the turn. So, if the next turn is not for 20 miles, you do not need to worry about navigation instructions for quite a while.
- As you approach the upcoming turn, the Next Turn page appears again. This message is announced in order to alert you to change lanes if necessary and start looking for signs in anticipation of the upcoming turn.
- Just before the upcoming turn, the Next Turn page appears one last time for that particular turn.

The Next Turn page disappears after a few seconds, and the page that you were previously viewing reappears. If you want to close the Next Turn page and return to the previous page, press the **Page** key.

If you want to see the Next Turn page again, press the **Speak** key, and it reappears. You also can hear the announcement.

The Next Turn page is only available when you are navigating to a destination.

## Current Route Page

Another page that is visible when navigating is the Current Route page, which provides step-by-step route instructions from start to finish. Press **Page**  to open the Current Route page.

The Current Route page displays directions for your entire route. You can look beyond the next turn and even get an estimated idea of what time you will reach an upcoming turn, provided you do not make stops along the way.

You can move through the entire list of turns by using the **Rocker**. Highlight any of the turns on the list and press **OK** to view the Next Turn page for that turn.

The Current Route page is only available when you are navigating to a destination.



## Trip Information Page

If you are making a long trip, the Trip Information page can be very useful. It indicates your current speed and records many helpful statistics about your trip.

Be certain to reset the trip information (data) before beginning a trip. If you make frequent stops, leave the Quest 2 powered on in order to receive satellites. This allows the unit to accurately measure elapsed time during the trip.



Trip Information Page



Indicates the unit is connected to an external power source and is being charged



Indicates the unit is connected to an external power source and is fully charged



### To change the data fields:

1. Press **Page** to open the Trip Information page and then press the **MENU** key.
2. Highlight **Edit Fields** and press **OK**. A field in the first row, first column is highlighted, indicating that it can be changed.
3. Use the **Rocker** to highlight the field you want to change. Press **OK** to display a list of field choices. Highlight the appropriate choice and press **OK**.
4. Repeat Step 3 until you have finished changing the fields. Then press **Page** .

### To reset the trip data or the maximum speed:

1. Press **Page** to open the Trip Information page.
2. Highlight the **Trip** or **Max** buttons and press **OK**. A message appears asking if you want to reset the data.
3. Highlight **Yes** and press **OK**. The data is reset.

## CUSTOMIZING YOUR QUEST 2

You can adjust the Quest 2's settings to suit your needs. You can make most changes through the Settings page. Access this page by pressing the **MENU** key once and then selecting **Settings**. You can also access it by pressing the **MENU** key two times.



Your Quest 2's factory settings (or default settings) do not need to be changed in order for your unit to function.

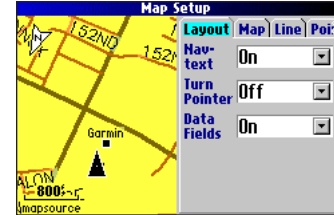
### Customizing the Map Page

You can customize the way information appears on the Map page. Press **MENU** twice, highlight **Map Setup**, and press **OK**. A Map Setup page appears, which features six sections.

### Layout Tab

**Navtext**—displays or hides the navigational text.

**Turn Pointer**—displays or hides the turn pointer that appears on the Map page when you are navigating.



**Data fields**—displays or hides data fields on the Map page. If you choose to hide the data fields on the Map page, the turn pointer appears in the lower right-hand side of the page.

### Map Tab

**Map Detail**—adjusts the amount of detail that is displayed on your Map page. A higher detail level causes the map to redraw slowly. For everyday use, keep the view level set to **Normal**.

**Orientation**—**North Up** displays the map with North at the top.

**Track Up** rotates the map so your current direction of travel is at the top of the page. See [page 29](#) for more information.

**Road Lock**—when **On**, the Quest 2 places the position icon on the nearest road. Select **Off** when you are not traveling on roads.

**AutoZoom**—when **On**, the Map page zooms in and out as you travel. As you approach a turn, the Map page progressively zooms in. After the turn is completed, it zooms out to show the next turn.

**Color Mode**—choose between **Land** and **Water**. Unless you are using a marine map, such as BlueChart, you will probably keep **Land**, which is the default value. **Water** displays the color of water as white instead of blue.

### Line, Point, City, and Area Tabs

**Line tab**—controls how the track log, railroads, and street labels are displayed on the Map page.

**Point tab**—controls how My Locations, exits, and points of interest (POIs) are displayed on the Map page.

**City tab**—controls how cities of various sizes are displayed.

**Area tab**—controls how rivers, lakes, parks, and points of interest are displayed on the Map page.

The Line, Point, City, and Area tabs contain two common settings, Text Size and Hide Above:

**Text Size**—specifies how large or small the names of items appear on the map. If you do not want the name of an item to appear on the Map page, select **Off** in the Text Size field. Names with Medium and Large letters also appear in bold.

**Hide Above**—specifies the maximum zoom range at which a map item appears. If **Auto** is selected, the maximum zoom range is determined by the **Detail** setting. If **Off** is selected, the item is not shown. Some map data is only visible at certain zoom ranges.

### Restoring Map Setup Default Settings

You can restore map settings for each individual tab or for all tabs.

#### To restore settings to the map setup:

1. Press **MENU** twice, highlight **Map Setup**, and press **OK**.
2. Open the tab on which you want to restore the settings.
3. Press **MENU**.
4. To restore the settings on the open tab, highlight **Restore Map Settings** and press **OK**.
5. To restore all map setup settings, highlight **Restore All Map Settings** and press **OK**.



## Customizing the Display

You can change the lighting and color on the Quest 2 for optimal viewing. Press **MENU** twice, select **Display Setup**, and press **OK**.

**Backlight Timeout**—specifies the amount of time the backlight stays on when you are not pressing keys. The timeout only applies when you are using battery power.

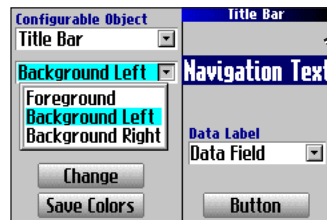
**Backlight Intensity**—specifies how strong the backlight appears. Operating the backlight at a higher percentage (intensity) uses up the battery power more quickly.

**Color Mode**—sets the color mode for your viewing preferences.

**Daytime** shows a bright and lighter background. **Nighttime** shows a black background for easier viewing during the night. **Auto** allows the Quest 2 to automatically switch between the two at sunrise and sunset. **Custom** allows you to create your own color scheme for a variety of objects, such as labels, buttons, and text bars.

### To customize the colors:

1. Highlight **Custom** for the **Color Mode** and press **OK**.
2. Highlight an item you would like to customize and press **OK**.
3. Highlight **Change** and press **OK**. A color grid appears.
4. Use the **Rocker** to place the pointer over the color you want to use and then press **OK**. The new color appears for the item you selected.
5. Highlight **Save Colors** and press **OK**.



Sample page displaying custom colors

Custom Color page

To restore the color settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.

## Customizing the Overall System Setup

You can customize various system setup features. Press **MENU** two times, highlight **System Setup**, and press **OK**.

**GPS Mode**—sets GPS to **Normal**, **WAAS**, **Battery Saver** (which periodically turns off the GPS receiver to save battery power), or **GPS Off**. See “Understanding GPS” beginning on [page 41](#) for more information.

**Voice Guidance**—determines when the unit “speaks.”

- **Automatic with Chime:** The unit chimes and then speaks status messages and guidance messages during route navigation. For each turn on a route, the voice gives instructions three times: after you have completed a turn, as you are approaching the next new turn, and just before you reach the next turn.
- **Automatic:** The unit speaks guidance messages during route navigation, as described above. It does not give chimes.
- **🔊 Button Only:** The unit only speaks when the **Speak** key is pressed.

**External Power Lost**—if **Turn Off** is set, the unit shuts down after 30 seconds when the unit loses external power. If **Stay On** is set, the unit runs on battery power when external power is lost.

**Text Language**—changes all on-screen text to the selected language. Changing the text language does not affect the display of map data or user-entered data. Map data is always displayed in the language in which it is stored in the map.

**Voice Language**—changes the spoken language.



**Keypress Tone**—turns the keypress beep **On** or **Off**.

To restore these settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.

## Customizing the Route Settings

You can customize many routing features. Press **MENU** two times, highlight **Route Setup**, and press **OK**.

**Off-Route Recalculate**—controls how the unit recalculates the route when you depart from its original instructions.

- **Prompted:** You are asked if you want the unit to recalculate the route.
- **Automatic (Announced):** The unit automatically recalculates and announces to the user that it is recalculating.
- **Automatic (Silent):** The unit automatically recalculates the route, but it does not announce to the user it is recalculating.
- **Off:** The unit does not recalculate when you go off route.

**Route Preference**—determines the criteria used for calculating your route. If you change your route preference, recalculate the route based upon the new preference ([page 23](#)).

- **Faster Time:** Routes are faster to drive but may be longer in distance.
- **Shorter Distance:** Routes are shorter in distance but may take more time to drive.
- **Off Road:** The route is a direct line from your current location to your destination. This is useful when you are traveling outside of map areas, or where no roads exist.

- **Prompted:** You are asked to select the route preference option before the route is calculated.

**Calculation Method**—allows you to control how thoroughly the unit searches for the perfect route.

- **Quickest Calculation:** This calculation returns the fastest results, but it might not find the best route.
- **Quick Calculation:** This takes a bit more time to calculate, but generates a better quality route.
- **Better Route:** This generates an even better quality route, but takes a bit longer to calculate.
- **Best Route:** This generates the best route, but takes the longest time to calculate.

**Calculate Routes for**—allows you to specify your vehicle type. The unit optimizes the route for the vehicle type.



To restore these settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.

## Customizing the Units Settings

Press **MENU** two times, highlight **Units Setup**, and press **OK**.

**Distance and Speed**—allows you to change the units used to measure distance. **Statute** shows speed in miles per hour and elevation in feet. **Metric** shows speed in kilometers per hour and elevation in meters.

**Heading Display**—displays your direction of travel in cardinal letters, degrees, or mils.

**Location Format**—allows you to select from a variety of formats. Use the default setting if you are unfamiliar with location formats.

**Heading**—allows you to select a heading. **True** shows true north headings, and **Magnetic** automatically calculates the magnetic variation for the geographical area. **User** allows you to input a magnetic variation in the **Magnetic Variance** field. **Grid** provides a true north heading as determined by the Location Format.

**Vertical Speed**—displays vertical speed in feet/minute, meters/minute, or meters/second.

**Elevation**—displays elevation in feet or meters.

**Datum**—allows you to select from over 100 different map datums to match almost any paper map or chart. Use the default setting if you are unfamiliar with datums.

To restore these settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.

## Changing the Time Settings

Press **MENU** two times, highlight **Time Setup**, and press **OK**.

**Time Format**—displays time in a 12- or 24-hour format, or UTC.

**Time Zone**—select a time zone from the list. If your time zone is not on the list, select **Other** to manually enter the UTC Offset.

If you are not certain what the offset is between UTC and the local time zone, enter incremental offset values until the correct local time appears. As you move west of the Prime Meridian ( $0^{\circ}$  longitude) the offset is negative (-), and as you move east the offset is positive (+).

**Daylight Savings**—turn on (**Yes**), off (**No**), or set to Automatic (**Auto**) if it is available.

To restore these settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.



## Changing the Track Setup

As you travel, the Quest 2 automatically records your path in the Track Log, creating an electronic “bread crumb” trail. This feature can be enabled or disabled from the Track Setup page. By default, it is enabled.

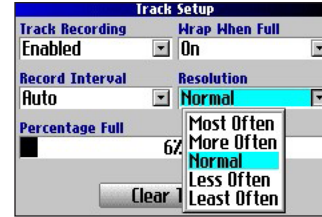
Press **MENU** two times, highlight **Track Setup**, and press **OK**.

**Track Recording**—select **Enabled** to record tracks or **Disabled** to stop tracks from being recorded.

**Wrap When Full**—select **On** to allow new track points to replace the oldest track points once the log is full. If set to **Off**, no new tracks are added until the Track log is cleared.

**Record Interval**—sets the interval at which track points are recorded. With **Auto**, track points are recorded using a formula and the setting you choose in the **Resolution** field.

**Resolution**—selects the frequency at which you want track points to be recorded based on how you set **Record Interval** (above). Higher resolutions cause the track log to fill up more quickly.



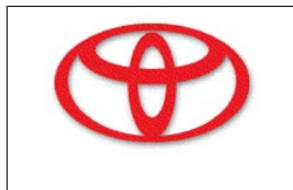
**Percentage Full**—shows the percentage of track memory used.

**Clear Track**—clears all of the points of the track log.

To restore these settings, press the **MENU** key, highlight **Restore Settings**, and press **OK**.

## Customizing the Welcome Page

You can customize the Welcome page that appears when you turn on your Quest 2. Press **MENU** two times, highlight **Welcome Setup**, and press **OK**. Use the on-screen keyboard to type in your message and select **Done**. When you turn on the Quest 2 again, your message appears.



Default Welcome Page



Customized Welcome Page

To use the default Welcome page again, repeat the above process and clear the text you entered previously.

## Viewing Software and Unit Information

The About page shows the software version currently loaded in the Quest 2. It also shows the unit ID number, which is used for registration and identification purposes. Press **MENU** two times, highlight **About Quest**, and press **OK**.



## Updating the Quest 2 Software

Use WebUpdater to update your Quest 2 software. Go to [www.garmin.com/products/webupdater/](http://www.garmin.com/products/webupdater/) to download the WebUpdater program.

After downloading WebUpdater to your computer, connect your Quest 2 to your computer, run WebUpdater, and follow the screen prompts. After confirming that you want to perform an update, WebUpdater automatically downloads the update and installs it on your Quest 2.

If you register your Quest 2, you will receive notification of software and map updates. To register your Quest 2, go to [www.garmin.com/registration/](http://www.garmin.com/registration/).

You can also download software updates from [www.garmin.com/products/quest2/](http://www.garmin.com/products/quest2/). Click Software Updates. Click **Download** next to the unit software. Read and agree to the terms. Click **Download**. Select **Run** (or **Open**). Your software is updated.

## UNDERSTANDING GPS

The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense. GPS was originally intended for military applications, but the government made the system available for civilian use in the 1980s. GPS works in any weather condition, anywhere in the world, 24 hours a day. There are no subscription fees or setup charges to use GPS.

GPS satellites circle the earth twice a day in a very precise orbit and transmit signal information to Earth. The GPS receiver in your Quest 2 takes this information and uses triangulation to calculate your exact location. Essentially, the GPS receiver compares the time a signal was transmitted by a satellite with the time it was received. The time difference tells the GPS receiver how far away the satellite is. With distance measurements from a few more satellites, the receiver can determine your location and display it on the Map page.

A GPS receiver must be locked on to at least three satellites to calculate a 2D location (latitude and longitude) and track movement. With four or more satellites in view, the receiver can determine your 3D location (latitude, longitude, and altitude).

After your location has been determined, the GPS unit can calculate other information, such as speed, bearing, track, trip distance, distance to destination, sunrise and sunset, and time.

WAAS is a system of satellites and ground stations that provide GPS signal corrections, giving you even better position accuracy. WAAS corrects for GPS signal errors caused by ionospheric disturbances, timing, and satellite orbit errors, and it provides vital integrity information regarding the health of each GPS satellite.

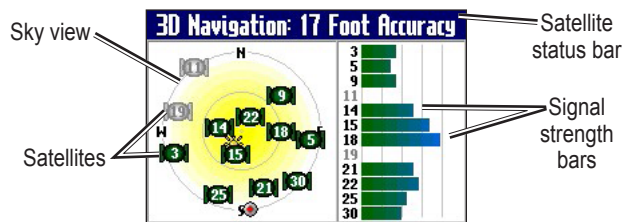
## The GPS Information Page

The GPS Information page provides a visual reference of GPS receiver functions, including current satellite coverage, receiver status, and position accuracy. To access this page, press **MENU**, highlight **Settings**, and press **OK**. From the **Settings** page, highlight **GPS Info** and press **OK**.

GPS satellites are positioned throughout the sky. As soon as you turn on your Quest 2, it attempts to acquire satellite signals. The sky view area on the GPS Information page displays which satellites are currently in your area.

A signal strength bar appears for each satellite in view; the satellite's number (1–33) appears to the left of each bar. The progress of satellite acquisition is shown in three stages:

- **No signal strength bar**—the GPS receiver is looking for the satellite indicated. The corresponding number on the sky view is not highlighted.
- **Hollow signal strength bar**—the GPS receiver has found the satellite and is collecting data. The corresponding number on the sky view is not highlighted.
- **Solid signal strength bar**—the GPS receiver has collected the necessary data and the satellite is ready for use. The corresponding number on the sky view is highlighted.



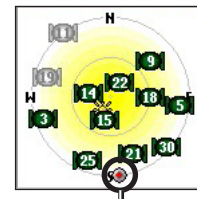
After a fix has been calculated, the Quest 2 updates your location and ground speed by selecting and using the best satellites in view.

## Sky View and Signal Strength Bars

The sky view and signal strength bars indicate which satellites are currently visible and which satellites are being used to calculate a position fix. The signal strength bars also indicate the quality of each satellite signal.

The sky view provides a “bird’s eye” view of each satellite position relative to your unit’s last known location. The outer circle represents the horizon and shows cardinal heading references. The inner circle represents an elevation of 45° above the horizon. Any satellite depicted near the center is directly overhead.

You can set the sky view to Track Up instead of North Up orientation. Track Up causes the top of the sky view to align to your current direction of travel. To change to Track Up, press **MENU** while on the GPS Info page. Then select **Skyview Track Up**. Press **MENU** again and then select **Skyview North Up** to change the orientation back to North Up.



When the Sky View is shown in **North Up**, the red circle indicates your direction of travel.



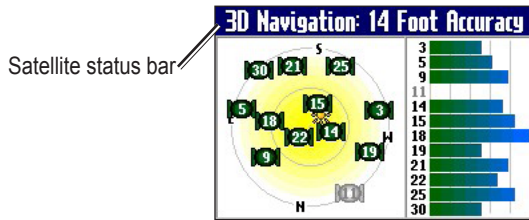
## Satellite Status Bar

As soon as the GPS receiver has collected the necessary data to calculate a fix, the status bar indicates a position fix. The current GPS status and the accuracy of the position fix can be found in the satellite status bar located at the top of the page. The status bar displays one of the following messages:

**Searching for Satellites**—the GPS receiver is looking for any available satellites in view.

**Locating Satellites**—the GPS receiver is locating satellites and determining which ones are visible at your location.

**Acquiring Satellites**—the GPS receiver is collecting data from available satellites but has not collected enough data to calculate a position fix.



**Ready to Navigate**—the Quest 2 is ready to navigate routes.

**2D Navigation**—at least three satellites with good geometry have been found; a two-dimensional position fix (latitude and longitude) is being calculated. You might need to enter your elevation if the receiver only has a 2D fix. Displays “2D Differential” if you are tracking one of the WAAS satellites.

**3D Navigation**—at least four satellites with good geometry have been found; your location is now being calculated in latitude, longitude, and elevation. Displays “3D Differential” if you are tracking one of the WAAS satellites.

**Lost Satellite Reception**—the GPS receiver has temporarily lost satellite reception.

**Poor GPS Coverage**—the GPS receiver is not tracking enough satellites for a 2D or 3D fix due to bad satellite geometry or due to a shaded antenna, which can be caused from very dense overhead trees or tall buildings.

**Receiver Not Usable**—the Quest 2 is unusable, possibly due to incorrect initialization or abnormal satellite conditions. Turn the unit off and back on to reset and re-initialize the receiver if necessary.

**GPS is Off**—the GPS receiver has been turned off and cannot be used for navigation.

## Poor Satellite Reception Menu

If the Quest 2 cannot establish a position fix after several minutes, the Poor Satellite Reception menu appears. The menu might appear when you first use your Quest 2 or during normal use if the antenna is shaded or if the unit is used indoors.



The Poor Satellite Reception menu gives you several options when an insufficient number of satellites is received to determine a position fix.

From the Poor Satellite Reception menu, you can turn off GPS when using the unit indoors, update your approximate location, or continue to search for the satellites. Updating your approximate location ensures that the Quest 2 is searching for the correct satellites and is useful if you have traveled over 500 miles with the unit turned off.

## To select a new location:

1. Press the **MENU** key, highlight **Settings**, and press **OK**.
2. Highlight **GPS Info** and press **OK** to open the GPS Information page.
3. Press **MENU**.
4. Highlight **New Location** and press **OK**.
5. A window appears with two options. Highlight either **Automatic** or **Use Map** and press **OK**:
  - Select **Automatic** to put the unit in AutoLocate mode and begin searching the sky for satellites.
  - Select **Use Map** to select your location on a map page. Pan and zoom the map and use the map pointer to find your approximate location. Then press **OK**.

These options appear when you press **MENU** from the GPS Info page.



## APPENDIX

### Quest 2 Shortcuts

- Press and hold **FIND** to navigate to your Home location.
- Press and hold **MENU** to open the Route Options menu.
- Press and hold **OK** to open the Where Am I? page.
- Press **FIND** two times to open the Recent Finds page.
- Press **MENU** twice to open the Settings page.
- Press **Power** to open the backlight illumination window.
- Press zoom **IN** or **OUT** to scroll up or down a list.
- Press **POWER** and **IN** at the same time to shut off the Quest 2 if it locks up.

### Data Fields

The following data fields are available:

**Accuracy GPS**—estimated GPS accuracy in feet or meters.

**Arrive-Destination**—estimated time of arrival at your destination.

**Arrive-Next**—estimated time of arrival at the next turn.

**Bearing**—compass direction from your location to your destination. (Appears only on the Compass page.)

**Course**—direction from your starting location to a destination. (Appears only on the Compass page.)

**Distance-Destination**—distance to your destination.

**Distance-Next**—distance to your next turn.

**Elevation**—elevation of your current location.

**Heading**—current direction of travel. (Not available on the Trip Information page.)

**Location (lat/lon)**—displays longitude and latitude of your current location.

**Location (selected)**—displays your current location in the position format you select in Units Setup page (see [page 38](#)).

**Name-Destination**—name of the destination. (Appears only on the Compass page.)

**Name-Next**—name of your next upcoming turn or maneuver. (Appears only on the Compass page.)

**Odometer**—running total of distance traveled. Unlike the Trip Odometer, the odometer cannot be reset.

**Off Course**—distance left or right you are from the original course (path of travel). (Appears only on the Compass page.)

**Power (Battery)**—battery power status.

**Speed**—current speed, displayed in miles or kilometers per hour. (Not available on the Trip Information page.)

**Speed-Maximum**—maximum speed recorded since the Trip Computer was last reset.

**Speed-Moving Average**—average speed of travel in motion since the Trip Computer was last reset.

**Speed-Overall Average**—average speed of travel (including time stopped) during the time the unit has been tracking your location.

**Sunrise**—time of today's sunrise at the unit's present location.

**Sunset**—time of today's sunset at the unit's present location.

**Time of Day**—current time.

**Time to Destination**—estimated time left until you reach your destination.

**Time to Next**—estimated time left until you reach the next turn.

**To Course**—direction of travel to get back on course. (Appears only on the Compass page.)

**Trip Odometer**—running total of distance traveled since the Trip Computer was last reset.

**Trip Time-Moving**—length of time in motion since the Trip Computer was last reset.

**Trip Time-Stopped**—length of time stopped (or stationary) since the Trip Computer was last reset.

**Trip Time-Total**—total length of time that the unit has been tracking your location since the Trip Computer was last reset. This is always equal to Moving Time plus Stopped Time.

**Turn**—angle difference (in degrees) from the bearing to your destination and your current line of travel. L means turn left; R means turn right. (Appears only on the Compass page.)

**Velocity Made Good**—speed at which you are closing on a destination along a desired course. Also referred to as the vector velocity to your destination. (Appears only on the Compass page.)

**Vertical Speed**—rate of altitude gain/loss over time. (Appears only on the Compass page.)

## Adding Maps to Your Quest 2

You can purchase additional MapSource® maps from Garmin for your Quest 2.

### Purchasing Additional MapSource Maps

In order to unlock and use additional MapSource data, you need your Unit ID number (see [page 40](#)) and serial number (see [page 51](#)). After you unlock your map data, you can transfer it to the Quest 2 using MapSource and your personal computer.

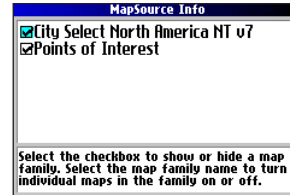
Note that the preloaded maps on your Quest 2 are protected and cannot be erased. For example, if you add additional maps to your Quest 2, you will not overwrite the original maps. If you load additional maps to the Quest 2, these maps are not protected. The additional maps will be overwritten each time you load new maps to the unit.

### Controlling Map Views on the Map Page

You can view a list of your map families on the MapSource Info page.

#### To view the installed maps:

1. Press the **MENU** key, highlight **Settings**, and press **OK**.
2. Highlight **Map Info** and press **OK**. The MapSource Info page opens.



Map families loaded



Individual maps loaded

The MapSource Info page lists the MapSource maps that are loaded onto the unit. These are actually map families: each map family may contain numerous smaller maps.

To see the smaller maps that make up the larger map family, highlight the map family name and then press **OK**. A list of all maps within that map family appears.

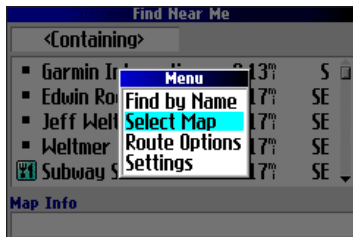
To disable a map, uncheck the box next to the map name. If the maps loaded in your Quest 2 do not overlap, you should not need to disable map families. If you load maps that cover the same area, however, you may want to disable one of the map families so that you can view detail from the other one.

## Changing Map Families when Finding Places

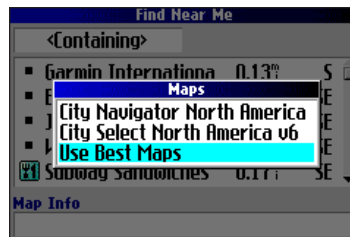
If your Quest 2 contains map families that have overlapping information, you may need to specify a different map family. In most cases the Quest 2 knows which map family to use for this particular search.

### To change the map family:

1. Press the **FIND** key, highlight a category, and press **OK**.
2. Press the **MENU** key, highlight **Select Map**, and press **OK**.  
A list of installed maps that contain searchable cities or places appears.



3. Highlight the map family you want to use for the search and press **OK**. The Quest 2 will then return a list of cities or places only from this map family.



## Caring for the Quest 2

The Quest 2 is constructed of high quality materials and does not require user maintenance other than cleaning.

### Cleaning the Case

Clean the unit's outer casing (except for the screen) using a cloth dampened with a mild detergent solution and then wipe dry. Avoid chemical cleaners and solvents that may damage plastic components.

### Cleaning the Screen

Clean the screen using a soft, clean, lint-free cloth. You may use water, isopropyl alcohol, or eyeglass cleaner if needed. To use these cleaners, apply the liquid to the cloth and wipe the screen.

### Storing the Quest 2

Do not store the Quest 2 where prolonged exposure to temperature extremes may occur (such as in the trunk of a car), as permanent damage may result.

### Avoiding Theft

To avoid theft, take your Quest 2 with you or remove it from view when you leave your vehicle.

## Safe Mode

Safe Mode disables functions that require significant operator attention and could distract the driver except for emergency routing. Safe Mode turns on automatically when your vehicle begins moving. While driving, if you press **FIND**, only the Emergency & Government Services category is available. When you come to a complete stop, all features are automatically enabled. You cannot disable Safe Mode.

Read the safety information on [pages iii–iv](#) to learn how to use your Quest 2 safely and responsibly.

## Battery Temperature Warning

Your Quest 2 contains an internal lithium-ion battery, which can store more energy than standard batteries. All batteries slowly lose the amount of energy they can hold over time. To maximize battery life, limit the unit's prolonged exposure to excessive heat and direct sunlight.

## If Your Quest 2 Locks Up...

On rare occasions, your Quest 2 may freeze or lock up. In this case, reset it by pressing the **Power** key and the **IN** key at the same time. The unit turns off. The unit will operate normally when you turn it on again.

## Specifications

### Physical Specifications

**Size:** 4.5" W x 2.2" H x 0.9" D (11.4 x 5.6 x 2.3 cm)

**Weight:** 5.5 oz (171 g)

**Display:** 1.5" W x 2.2" H, 256-color, high resolution, transfective TFT (160 x 240 pixels), backlit. Compatible with polarized sunglasses.

**Case:** Rugged, fully gasketed, water resistant to IEC 60529 IPX7

**Antenna:** Flip-up patch. MCX-type connector for remote antenna.

**Temp. Range:** 5° to 140° F (-15° to 60° C)

**Keypad:** Nine multifunction backlit keys

### Performance Specifications

**Receiver:** WAAS-enabled, 12 parallel channel receiver

#### Acquisition Times<sup>1</sup>

**Warm:** Approximately 15 seconds

**Cold:** Approximately 45 seconds

**AutoLocate®:** Approximately 2 minutes

**Update Rate:** Once per second, continuous

#### GPS Accuracy

**Position:** < 15 meters (49 feet), 95% typical

**Velocity:** 0.05 m/s steady state

#### DGPS Accuracy

**Position:** 3–5 meters (10–16 feet), 95% typical

**Velocity:** 0.05 m/s steady state

**Dynamics:** Performs to specifications to 6 g's

**Interface:** USB

**Data Storage:** Indefinite; no memory battery required

**Map Storage:** Internal; full map coverage

### Power Specifications

**Source:** 12/24 VDC with car adapter up to 36 V, 115 VAC adapter, internal lithium-ion battery

**Battery Life<sup>2</sup>:** Up to 20 hours (typical use)

**Usage:** 5 watts maximum at 13.8 VDC

**Fuse:** AGC/3AG - 1.0 Amp High breaking capacity, rated 1500 A

### Features

**Waypoints (Saved Locations):** 500 with name and graphic symbol

**Routes:** Up to 50 stored

**Track Log:** 10,000 track log points

<sup>1</sup> Warm = all data known; Cold = position, time and almanac known; AutoLocate = almanac known, position and time unknown.

<sup>2</sup> The lithium-ion battery loses capacity as its temperature decreases. Use of backlight and tones also reduces your battery life.



## Product and Regulatory Information

### Product Registration

Help us better support you by completing our online registration today! Connect to our Web site at [www.garmin.com/registration/](http://www.garmin.com/registration/).

Use this area to record the serial number (8-digit number located on the back of the Quest 2) in case your Quest 2 needs service. Keep the original sales receipt, or a photocopy, in a safe place.

Serial Number: \_\_\_\_ \_

### Contact Information

If you have any problems with your Quest 2, contact your local Toyota dealer for help.

### Software License Agreement

BY USING THE QUEST 2, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the “Software”) in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain with Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer, or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

### FCC Compliance

The Quest 2 complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than “outdoor” requirements.

Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The Quest 2 does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

## **Toyota Limited Warranty**

See your Toyota dealer for warranty information.

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